

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

SUPPLEMENTAL SPECIFICATION

Section 705—Transplanting Trees

Delete Section 705 and substitute the following:

705.1 General Description

This work includes transplanting existing trees at new locations as shown on the Plans and as directed by the Engineer.

705.1.01 Definitions

General Provisions 101 through 150.

705.1.02 Related References

A. Standard Specifications

[Section 700—Grassing](#)

[Section 891—Fertilizers](#)

[Section 893—Miscellaneous Planting Material](#)

B. Referenced Documents

General Provisions 101 through 150.

705.1.03 Submittals

General Provisions 101 through 150.

705.2 Materials

Use materials that meet the requirements of the following Specifications:

Material	Section
Plant Topsoil	893.2.01
Fertilizer	891.2.01
Mulch	893.2.02
Stakes	893.2.08
Staking Wire	(See planting details)
Rubber Hose	(See planting details)
Tree Paint	893.2.06
Water for Plant Growth	700.2

705.2.01 Delivery, Storage, and Handling

General Provisions 101 through 150.

705.3 Construction Requirements

705.3.01 Personnel

Have skilled workers transplant according to the best horticultural practices.

705.3.02 Equipment

Have tree transplanting equipment as detailed in the Plans and Specifications on the project site and in satisfactory condition before construction begins.

Excavate trees and tree pits with the Vermeer-type tree spade or tree mover or equivalent approved mechanized equipment.

705.3.03 Preparation

General Provisions 101 through 150.

705.3.04 Fabrication

General Provisions 101 through 150.

705.3.05 Construction

A. Transplanting Operations

Follow these procedures when transplanting trees:

1. **Trunk and Branch Protection**
Protect trunks and branches from breaks or bruises. Spray trees in leaf with an approved antidesiccant before digging.
2. **Pruning**
Prune trees before transplanting as directed by the Engineer. Remove broken or badly bruised branches with a clean cut.
3. **Securing Roots**
Dig trees to secure as many roots as possible. Maintain a tight, firm ball during the moving operations.
4. **Excavating**
Excavate trees and tree pits. Use the excavated material to backfill the pits from which the existing trees were removed.
5. **Placing Trees in Pits**
Place transplanted trees into new pits. Backfill voids between the ball and the pit with clean, washed sand and tamp. Thoroughly water the sand in with a root feeder or water needle.
6. **Applying Topsoil and Mulch**
Apply plant topsoil to the transplanted tree according to Plan details. Mulch a minimum 6-foot diameter tree pit with 3 in (75 mm) of mulching material.
7. **Staking and Anchoring Trees**
Stake or anchor trees according to planting details or as directed by the Engineer.

705.3.06 Quality Acceptance

Replace severely damaged or disfigured trees that the Engineer determines were damaged by operations. Replace with trees of approximately the same size, genus, species, variety, and quality at the Contractor's expense.

705.3.07 Contractor Warranty and Maintenance

A. Watering

After the initial watering, make four additional waterings at two-week intervals.

B. Guarantee Period

A guarantee period is not required for the transplanting work.

705.4 Measurement

The quantity of transplanted trees paid for under this Item is the number transplanted.

Size is determined by tree caliper (diameter) measurement at a point 12 in (300 mm) above the natural ground surface. Where tree caliper exactly coincides with a break point in the Pay Item size intervals, that tree is classed in the lower size interval.

705.4.01 Limits

General Provisions 101 through 150.

705.5 Payment

Transplanting trees will be paid for at the Contract Unit Price. Payment is full compensation for the work and materials including plant topsoil, fertilizer, mulch, stakes, staking wire, rubber hose, tree paint, water, and incidentals necessary to complete the Item.

Payment will be made under:

Item No. 705	Transplanting trees,_____ in (mm) to_____ in (mm) caliper	Per each
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705.5.01 Adjustments

General Provisions 101 through 150.